

Composite element

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| EP1077225 (A3) |
| DE19939111 (A1) |
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Cited documents:

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| US4381352 |
| US4194940 |
| JP6144889 |

Abstract of EP1077225

Composite element containing a thermoplastic sheet bonded with the fibre-filled reaction product of a mixture of:

- (a) an isocyanate;
- (b) a polyether-polyol with a functionality of 1.9-8.0, an OH number of 250-1800 mg KOH/g and 10-100% prim. OH groups; and
- (c) an (in)organic acid.

Composite element containing:

- (i) a thermoplastic sheet bonded with
- (ii) the reaction product of a mixture of..

- (a) isocyanate;
- (b) polyether-polyalcohol with a functionality of 1.9-8.0, a hydroxyl number of 250-1800 mg KOH/g and 10-100% prim. OH groups;
- (c) organic and/or inorganic acid(s);
- (d) fibres;
- (e) catalysts; and optionally
- (f) blowing agents and/or additives.

An Independent claim is also included for roofs, doors, engine hoods, boot lids, spoilers, wind deflectors, end edge flaps and bumpers containing these composite elements.

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